

## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/GB 00/04667

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 E21B47/022

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal, INSPEC, IBM-TDB, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 35859 A (SYSDRILL LTD ;ROPER DAVID JOHN (GB); HENLY ADAM GREGORY (GB)) 14 November 1996 (1996-11-14)	1-7, 11
A	claims; figures	21
A	US 4 957 172 A (PATTON BOB J ET AL) 18 September 1990 (1990-09-18) the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* documents defining the general state of the art which is not considered to be of particular relevance
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- \*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- \*Z\* document member of the same patent family

Date of the actual completion of the international search

2 March 2001

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09/03/2001

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

Patent Application No

PCT/GB 00/04667

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9635859	A	14-11-1996	AU 5657196 A	29-11-1996
US 4957172	A	18-09-1990	US 5103920 A	14-04-1992